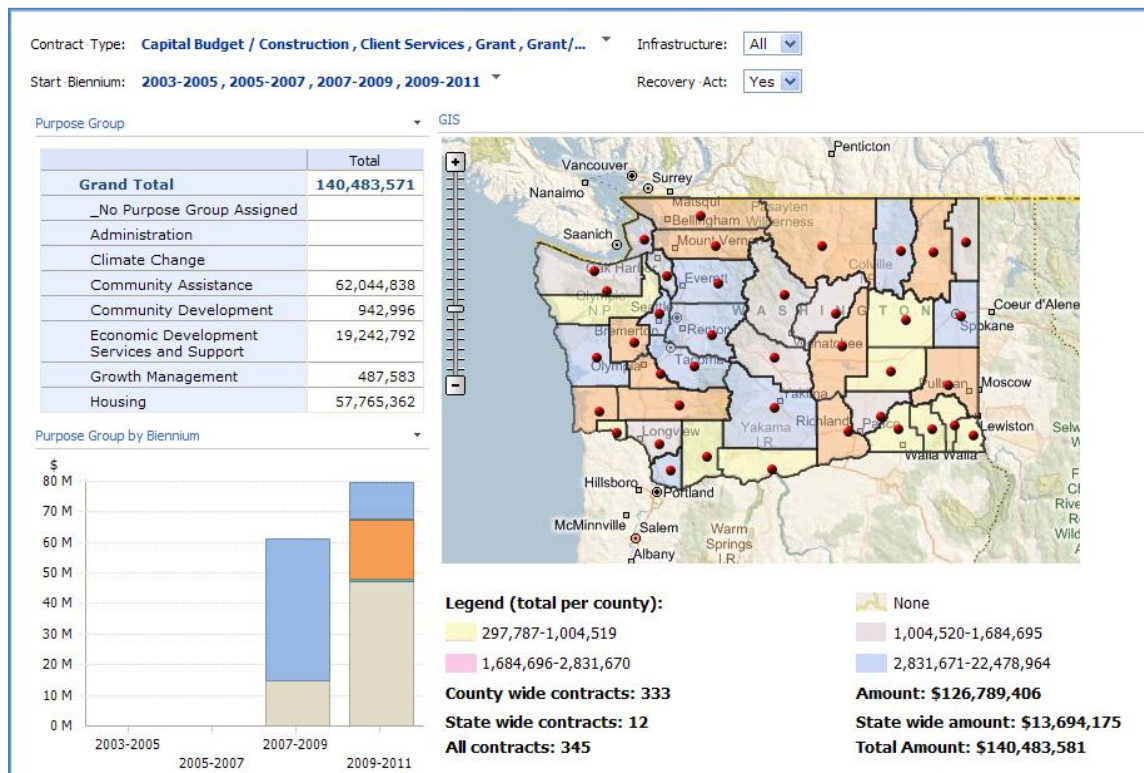**GIS Views:**

The GIS portion of data warehouse is an easy to use tool for performing a variety of queries on contract data relating to the counties and legislative districts within the state of Washington.

The displayed results on GIS map could be filtered on a variety of criteria such as contract type, start biennium, Infrastructure, recovery act, and purpose.

- Contract Type: The user may pick specific contract types such as grant and loan

- Start Biennium: you may select one or more biennium from the list of available biennium. For example if 2007-2009 is selected, all contracts with the start date between 7/1/2007 to 6/30/2009 which meet the other query criteria would be displayed.

- Infrastructure:
  Infrastructure list allows the user to have the following three choices:
  All: all contracts are returned; whether they are Infrastructure or not.
  Yes: Only Infrastructure contracts are returned.
  No: Only none-Infrastructure contracts are returned.

- Recovery Act:
  Recovery Act list allows the user to have the following three choices:
  All: all contracts are returned; whether they are Recovery Act or not.
  Yes: Only Recovery Act contracts are returned.
  No: Only none-Recovery Act contracts are returned.

- Purpose Group:
  Purpose Group list allows the user query on contracts with a specific purpose by clicking on the Purpose Group description. The following snapshot shows the query result for "Community Assistance" purpose Group.
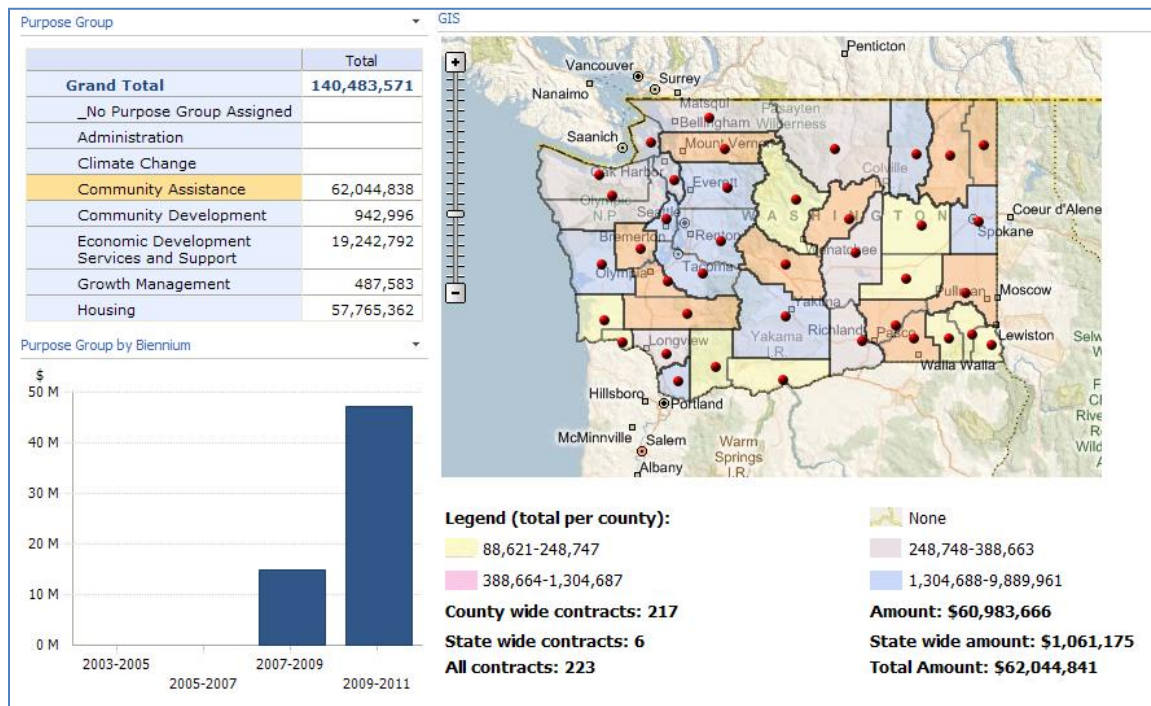
Map Paint:
The map is painted based on the dollar amount for the counties or legislative districts.

There are four different paint categories based on total contract amount for counties (or legislative district). When a query is performed, the map content and legend is updated and repainted based on the query result and total values are shown on the page or as a separate pops up Window.

A Query Example:

Let's consider this query case: What Recovery Act contracts have been done by Department of Commerce during the 2007-2009 and 2009-2011 bienniums?

Solution:
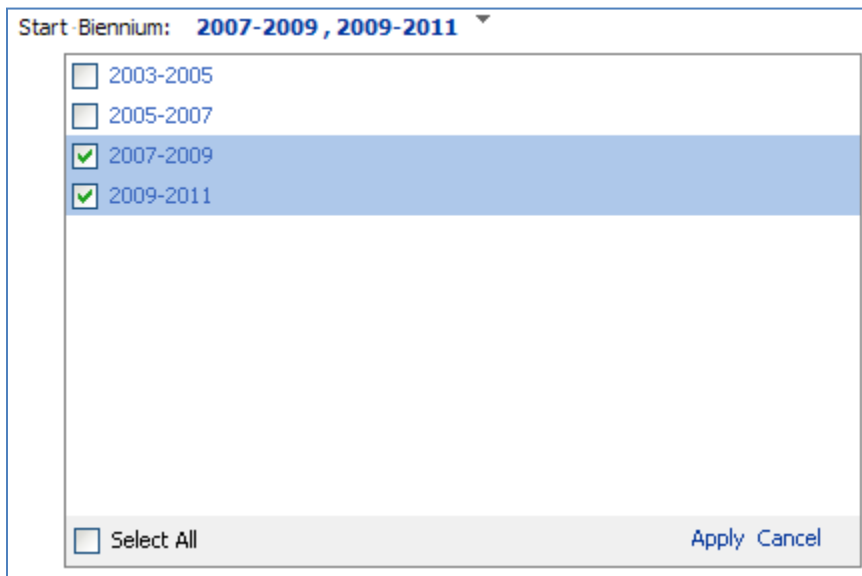Contract Type: Check all values for contract type and click on Apply link.

Start Biennium: select 2007-2009 and 2009-2011 from biennium list and click on apply link.

- Select "ALL" from Infrastructure list.
-Select "Yes" from Recovery Act list.

After a few seconds map and purpose group data will refresh with corresponding results.

On the lower right side of the screen, a summary of GIS results is displayed. It contains total dollar amount and contract counts based on query criteria. The summary portion also contains a legend for the map colors based on dollar amount.

Hover over window:
If you move the mouse pointer over a red dot within a county, a small popup window containing summary values for that county is displayed. The following snapshot displays summary values for Yakima County. This summary contains total dollar value and contract counts for the selected county as well as a summary for Department of Commerce divisions executing the contracts within that county.
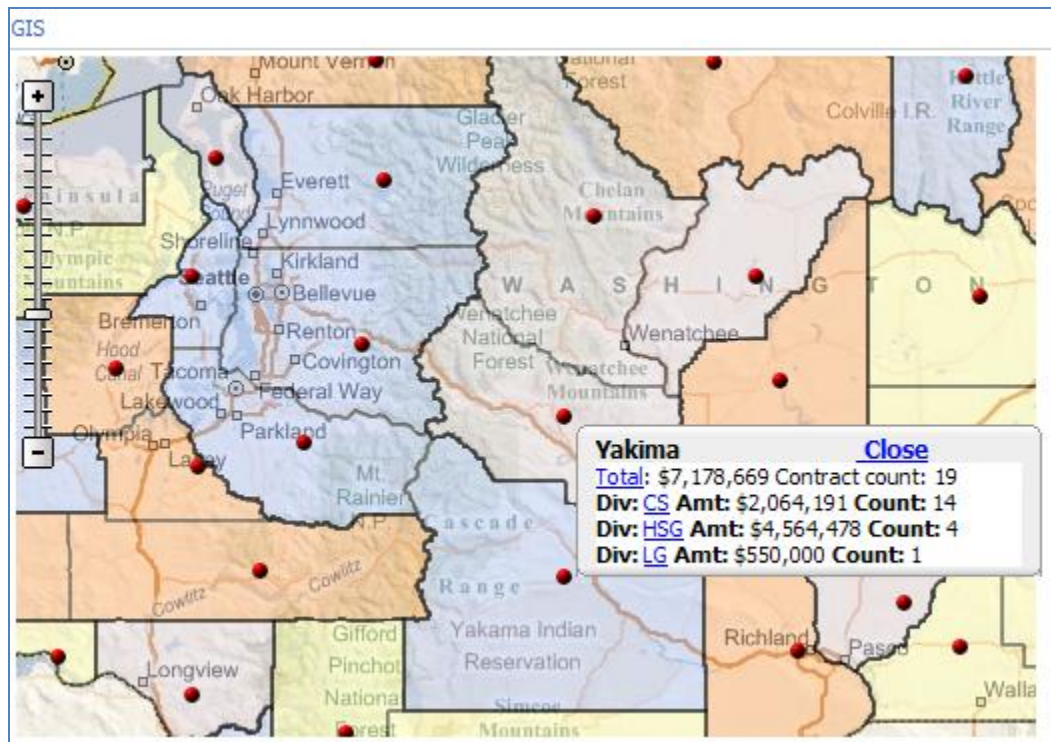

Left click on mouse button when a popup window is displayed makes the popup window to stay permanently. This will allow to navigate to hyperlinks within that popup windows.

You may close the pop up window by clicking on "Close" link at upper right corner of window.

Pie chart report:
Any underlined value within the popup window on the map is a link which produces a next level report. For example if you click on "Total" on Yakima's popup window, a pie chart report describing the breakdown of project by Department of Commerce divisions is displayed. Here is a snapshot of this pie chart.
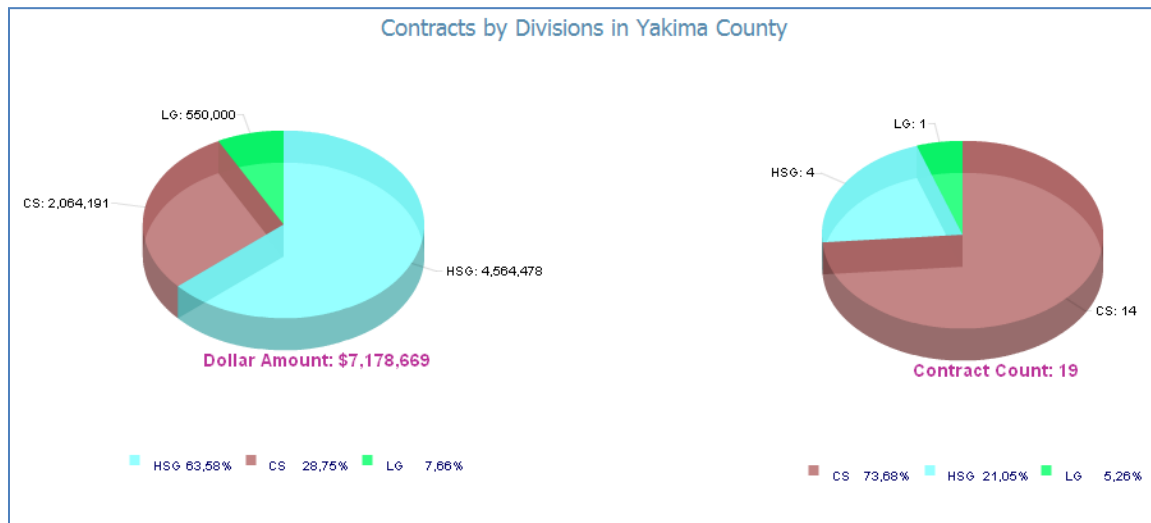
If you click on a division pie slice on Yakima's popup window, a pie chart report describing the breakdown of programs within that CTED division is displayed on a separate page. As an example, Programs by Client Services (CS) division
In Yakima County is shown here:
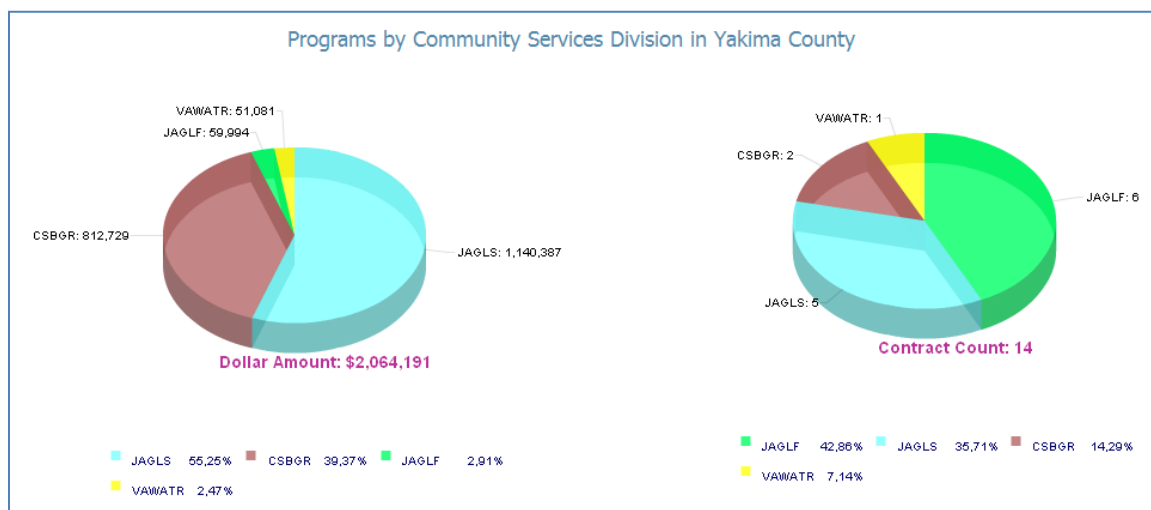
If you move the mouse over a chart slice or the chart legend, a small tooltip for that chart slice with more descriptive information is displayed.
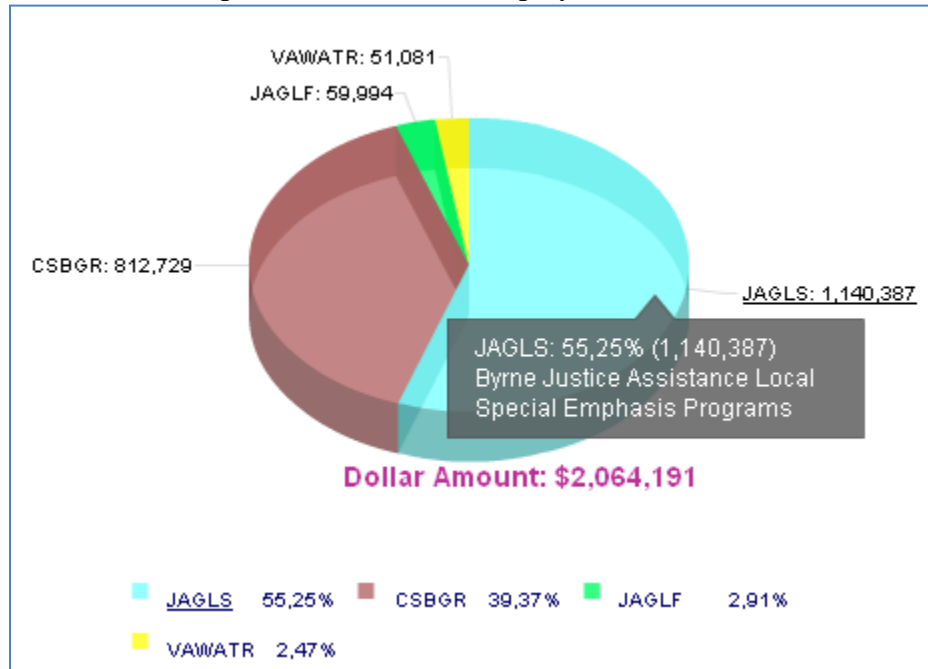
It is possible to drill down further on each chart slice by clicking on that slice. This will generate a more detailed pie chart or a tabular report. For example clicking on JAGLS (Byrne Justice Assistance Local Special Emphasis Programs) chart slice will generate the following contract level report.

Department of Commerce
Innovation is in our nature.

Contract Count: 5 Total Amount: $1,140,387

JurIDDesc	ContractNum	Purpose	Division	Program	Description	Type	Start Date	Term Date	Jur. Amount
Sunnyside	F09-34721-414		CS	JAGLS	To provide U.S. Department of Justice, Bureau of Justice Assitance funding to units of local government to recover or retain criminal justice related jobs, or to improve the operations of the criminal justice system.	Grant	7/1/2009	6/30/2010	83,766
Yakima	F09-34721-406		CS	JAGLS	To provide U.S. Department of Justice, Bureau of Justice Assitance funding to units of local government to recover or retain criminal justice related jobs, or to improve the operations of the criminal justice system.	Grant	7/1/2009	6/30/2010	771,580
Yakima	F09-34721-019		CS	JAGLS	To provide Recovery Act funding throught the US Department of Justice.Bureay of Justice Assistance Justice Assistance Grnt to units of local government to interdict drug through the multi-jurisdictional narcotics task force program	Grant	7/1/2009	6/30/2010	155,041
Yakima	F09-34721-058		CS	JAGLS	To provide U.S. Department of Justice funding to restore prosecutorial staffing.	Grant	7/1/2009	6/30/2010	90,000
Yakima	F09-34721-424		CS	JAGLS	To provide U.S. Department of Justice, Bureau of Justice Assistance funding to reduce gang crime and related violence.	Grant	7/1/2009	6/30/2010	40,000

Total Amount: $1,140,387

Report header contains a summary of contracts count and total dollar amount as well.

Report Sorting Option:

JurIDDesc	ContractNum	Purpose	Division	Program	Description

You may sort the report on a column by clicking on the report column header.